

**Notice of Allowability**

Application No.

09/527,855

Applicant(s)

KADAMBI ET AL.

Examiner

Hanh Nguyen

Art Unit

2662

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 2/14/05.
2. ☒ The allowed claim(s) is/are Claims 1-4 respectively.
3. ☒ The drawings filed on 17 March 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                                     |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)                                                    | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|                                                                                                                     | 9. <input checked="" type="checkbox"/> Other <u>Attach copy</u> .                     |

  
**HANH NGUYEN**  
**PRIMARY EXAMINER**

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Alicia Choi (703) 720-7800 on 8/2/05.

The application has been amended as follows:

Claims 1, 3 and 4 have been amended as shown in the attached copy. The amendment is made in order to distinguish with Latif reference and correct the language vague.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh Nguyen whose telephone number is (571)272-3092. The examiner can normally be reached on Monday-Friday from 8AM to 5PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou, can be reached on 571 2720 3088. The fax phone number for the organization where this application or proceeding is assigned is 5712738300.

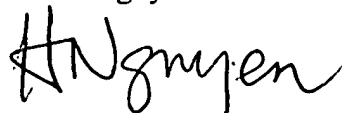
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 09/527,855

Page 3

Art Unit: 2662

Hanh Nguyen

A handwritten signature in black ink, appearing to read 'HNguyen', written in a cursive style.

August 2, 2005

**HANH NGUYEN**  
**PRIMARY EXAMINER**

*Attached copy*

1. A method for preventing out-of-ordering of frames in a network switch, comprising the steps of:

receiving a first portion of a string of packets from a source port on a first port;  
transferring said first portion of said string of packets to a second port for transmission to a destination;  
sending a switch indicator from said first port to said second port;  
receiving said switch indicator at said second port;  
sending a response switch indicator from said second port to said first port in response to said receiving of said switch indicator at said second port; and  
receiving a second portion of said string of packets from said source port on a third port, wherein said transmission of said first portion of said string of packets to the destination is performed after the response indicator is received at said first port.

3. A method for preventing out-of-ordering of frames in network switch, said method comprising the steps of:

receiving packets on a first ingress port from a source port;  
transmitting said packets from said first ingress port to an egress port for transmission to a destination;  
determining to switch said receiving of said packets to a second ingress port;  
sending a switch indicator from said first ingress port to said egress port;  
determining when to send a response switch indicator from said egress port to said first ingress port in response receiving said switch indicator at said egress port;

sending said response switch indicator from said egress port to said first ingress port;  
forwarding said response switch indicator to said source port; and  
switching said receiving of said packets to said second ingress port, wherein said transmission of said packets to the destination is performed after the response switch indicator is received at said first ingress port.

4. The method recited in claim 3, wherein said step of determining when to send a response switch indicator further comprises the step of waiting to send said response switch indicator until a number of packets in said first ingress port are transmitted to said egress port.